

**Nevada Division of Environmental Protection**  
**Underground Injection Control Program - Sampling and Monitoring Report Form**

Facility Name :	Depth of sampled water's origin :				
Facility Owner:	County:				
NDEP UIC Permit # :	Location :		Latitude	Longitude	
Well ID # :	Sampler :				
Type of Well :	Monitor	Production	Injection	Date Sampled :	
<b><u>UIC Sample List 2- Inorganic Extended</u></b>					
Parameter	Units	DW Standards	Initial Measured Values	Method	Method Description
total dissolved solids	mg/L	500 - 1000		EPA 160.1	
pH	standard units	6.5 - 8.5		EPA 150.1	
chloride	mg/L	250 - 400		EPA 300.0	Ion Chromatography
fluoride	mg/L	4		EPA 300.0	Ion Chromatography
sulfate	mg/L	250 - 500		EPA 300.0	Ion Chromatography
nitrate (as nitrogen)	mg/L	10		EPA 300.0	Ion Chromatography
nitrite (as nitrogen)	mg/L	1		EPA 300.0	Ion Chromatography
aluminum	mg/L	0.05-0.2		EPA 200.8	ICP-MS
antimony	mg/L	0.006		EPA 200.8	ICP-MS
arsenic	mg/L	0.01*		EPA 200.8	ICP-MS
barium	mg/L	2		EPA 200.8	ICP-MS
beryllium	mg/L	0.004		EPA 200.8	ICP-MS
cadmium	mg/L	0.005		EPA 200.8	ICP-MS
chromium	mg/L	0.1		EPA 200.8	ICP-MS
copper	mg/L	1.0-1.3		EPA 200.8	ICP-MS
cyanide (free cyanide)	mg/L	0.2			
lead	mg/L	0.015		EPA 200.8	ICP-MS
iron	mg/L	0.3 - 0.6		EPA 200.7	ICP
magnesium	mg/L	125 - 150		EPA 200.7	ICP
manganese	mg/L	0.1		EPA 200.8	ICP-MS
mercury	mg/L	0.002		EPA 245.1	AA Cold Vapor
nickel	mg/L	0.1		EPA 200.8	ICP-MS
selenium	mg/L	0.05		EPA 200.8	ICP-MS
silver	mg/L	0.05		EPA 200.8	ICP-MS
thallium	mg/L	0.002		EPA 200.8	ICP-MS
zinc	mg/L	5		EPA 200.8	ICP-MS
adjusted gross alpha**	pci/L	15		EPA 900	
gross beta	mrem	4		EPA 900	
alkalinity (CaCO <sub>3</sub> )	mg/L	-		SM 2320 B	
bicarbonate	mg/L	-		SM 2320 B	
boron	mg/L	-		EPA 200.8	
calcium	mg/L	-		EPA 200.7	
carbonate	mg/L	-		SM 2320 B	
EC	umhos/cm	at 25 degC		SM 2510 B	
lithium	mg/L	-		EPA 200.8	
molybdenum	mg/L	-		EPA 200.8	
phosphorus, total	mg/L	-		EPA 365.1	
potassium	mg/L	-		EPA 200.8	
silica	mg/L	-		EPA 370.1	EPA 200.7
sodium	mg/L	-		EPA 200.7	
total suspended solids	mg/L	-		EPA 160.2	
turbidity	NTU	-			
Comments:					
Rev 6/2006					

Note: Detection limits must be at least as low as primary or secondary drinking water standards where applicable.

Please indicate detection limit instead of stating "Non-Detect". Initial Measured Values are the first values collected under the application.

Metals shall be sampled and analyzed as total metals. \*\*Adjusted gross alpha particle activity doesn't include radon and uranium activity.